

Historic American Engineering Record

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TO PHOTOGRAPHS

HAER No. WA-116-E

Puget Sound Naval Shipyard, Drydock No. 3 (Facility 703)
Farragut Avenue
Bremerton
Kitsap County
Washington

John Stamets, photographer

March 1994

HAER No. Description

- WA-116-E-1 Context view of Drydock 3 as seen from atop the Hammerhead Crane (Crane No. 28). Camera is pointed NNE.
- WA-116-E-2 Overview of South Section as seen from near the top of temporary steel stairs installed near the bulkhead (divider wall). Caisson is visible in distance. Camera is pointed SSE.
- WA-116-E-3 Perspective view of east wall of South Section, as viewed from floor of drydock. Camera is pointed SE. This photograph makes a "panorama" with photo WA-116-E-13.
- WA-116-E-4 Perspective view of east wall of South Section as viewed from stop pier at entrance to steel stairs near the bulkhead. Camera is pointed SE. View includes Crane 55.
- WA-116-E-5 Elevation view of north end of east wall of South Section, as viewed from atop pier. On far left is bulkhead, depth measure stick and old concrete stairs. Camera is pointed E from a position slightly to the right (south) of photo WA-116-E-4.
- WA-116-E-6 Overview of South Section with west wall and caisson, as viewed from atop pier. Hammerhead Crane No. 28 is in distance. Camera is pointed SW.
- WA-116-E-7 Elevation view of south end of west wall of South Section. At far left, the west end of the caisson is visible in the shadow. This photo makes an extended elevation "panorama" with photos WA-116-E-8 and WA-116-E-9.
- WA-116-E-8 Elevation view of midsection of west wall of South Section. This photo makes an extended elevation "panorama" with photos WA-116-E-7 and WA-116-E-9. Note that Crane No. 42 also appears in photo WA-116-E-7. This is because the crane moved in the time that the photographer moved the camera.
- WA-116-E-9 Elevation view of north end of west wall of South Section. Bulkhead is visible on right. This photo makes an extended elevation "panorama" with photos WA-116-E-7 and WA-116-E-8.
- WA-116-E-10 Overview of South Section as seen from top of caisson. The bulkhead is visible in distance. Camera is pointed N.

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- WA-116-E-11 Elevation view of south side of bulkhead, as viewed from top of caisson. Camera is pointed N.
- WA-116-E-12 Detail of NE corner of South Section showing 30 ft depth measure and portion of wooden bulkhead on left, as viewed from floor of drydock. Camera is pointed NE.
- WA-116-E-13 Concrete stairs at north end of east wall of South Section, as viewed from floor of drydock. Depth measure on far left is same as in photo WA-116-E-12. Camera is pointed E. This photo makes a "panorama" with photo WA-116-E-3.
- WA-116-E-14 Stairs in far NW corner of the North Section, as viewed from atop pier. This photo, along with photo WA-116-E-1, are the only photographs of the North Section of Drydock 3 that were approved by the U.S. Navy for inclusion in this HAER report. The brick building in center distance is the Building 59, the Pattern Shop, which has been documented in the HAER report No. WA-116-A.
- WA-116-E-15 Detail of 1946 chain rack slot for moving blocks on floor of drydock in far SE corner of South Section. In 1994 these chain rack slots and accompanying blocking mechanisms were no longer in use and were extremely deteriorated. For view of system as originally installed, see 1946 historic copy photograph WA-116-E-33.
- WA-116-E-16 Detail of ratchet mechanisms on west wall of South Section. These ratchets were used in operating the ship blocking mechanism that was installed in 1946 along with the chain rack slots shown in photo WA-116-E-15.
- WA-116-E-17 Elevation view of caisson as viewed from floor of South Section. Camera is pointed S.
- WA-116-E-18 SW corner of South Section as viewed from atop pier includes floodgate opening at bottom, edge of caisson and depth scale on right.
- WA-116-E-19 Walkway on top of caisson and capstan heads. View shows water from Puget Sound on right and an empty drydock on left. Camera is pointed E from a raised platform.
- WA-116-E-20 Perspective view of south (water) side of caisson as viewed from pier. Camera is pointed NW.
- WA-116-E-21 Interior view of caisson looking east from mid-section. In foreground is "No. 1 Sea Valve."
- WA-116-E-22 Interior view of caisson includes "Water in Caisson" measurement stick. Camera is pointed SE.
- WA-116-E-23 Interior of Pumpwell No. 3 beneath surface of pier near SW corner of drydock. Camera pointed SSE.
- WA-116-E-24 Interior of Floodgate West well with grated floor located beneath surface of pier at far SW corner of the drydock. Camera is pointed NE.
- WA-116-E-25 View of South Section from caisson when drydock is almost fully flooded in preparation for the docking of a second submarine. Other views of the flooding procedure were not permitted for this HAER report.

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WA-116-E-26 View of fully flooded drydock with caisson opened. Newly arrived submarine is being placed in position. Berthed submarine on right is same as that seen in photo WA-116-25. Camera is pointed S from bulkhead.

Note: The following seven HAER photocopies (WA-116-E-27 through WA-116-E-33) are 4x5" copy photographs made from the original historical photographs (each approx. 8x10") in the collection of Department of Public Works, Puget Sound Naval Shipyard, Bremerton, WA. They are listed here chronologically by date.

WA-116-E-27 View of caisson under construction. Oct. 2, 1918.

WA-116-E-28 View captioned "Construction of Shipbuilding Dock. General view looking North." Nov. 1, 1918.

WA-116-E-29 View captioned "Construction of Shipbuilding Dock, general view looking southwest, completed." Jan. 2, 1919.

WA-116-E-30 View captioned "Construction of Shipbuilding Dock, general view looking north. Completed." Feb. 1, 1919.

WA-116-E-31 View captioned "General view of Shipbuilding Dock with Ammunition Ships in process of construction." Aug. 13, 1919.

WA-116-E-32 View captioned "Modification of Dry Dock No. 3. Pouring base for sewer pipe. Looking inboard from dry dock caisson." May 10, 1946.

WA-116-E-33 View captioned "Modification of Dry Dock No. 3. Completed floor looking south. Installing blocks and adjusting mechanism." Oct. 4, 1946.

Note: The following five photocopies (WA-116-E-34 through WA-116-E-38) are contact prints made from 8x10" litho negatives made from the original drawings in the collection of Department of Public Works, Puget Sound Naval Shipyard."

WA-116-E-34 "Sub-Division of Dry Dock No. 3. General Plan, Structural." Yard Drawing No. 415230. Aug. 3, 1945.

WA-116-E-35 "Head End, General Plan. Track for 40 & 50 ton dry dock cranes. Yard Drawing No. 108467. Nov. 21, 1929.

WA-116-E-36 "Sub-Division of Dry Dock No. 3. Bulkhead Details, Structural." Yard Drawing No. 415233. Aug. 3, 1945.

WA-116-E-37 "Repair of Caisson Seat. Plan and Elevation." Yard Drawing No. 464975. April 1, 1949.

WA-116-E-38 "Repair of Caisson Seat. Sections and Details." Yard Drawing No. 464976. April 1, 1949.